

S/N 10/727059

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CARLSON	Examiner:	M. SHIBUYA
Serial No.:	10/727059	Group Art Unit:	1639
Filed:	December 2, 2003	Docket No.:	14095.0001USC6
Title:	ARTIFICIAL RECEPTORS INCLUDING AMINO ACID DERIVED BUILDING BLOCKS AND METHODS OF MAKING AND USING THEM		

This paper is being filed electronically in the U.S. Patent Office

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in a European Search Report mailed May 7, 2007. Enclosed for the Examiner's information is a copy of the European Search Report. Applicant(s) note(s) reference(s) Francis, M. et al., "Combinatorial Approach to the Discovery of Novel Coordination Complexes", *J. Am. Chem. Soc.*, Vol. 37, No. 118, pp. 8983-8984 (1996), Boyce, R. et al., "Peptidosteroidal Receptors for Opioid Peptides, Sequence-Selective Binding Using a Synthetic Receptor Library," *J. Am. Chem. Soc.*, Vol. 116, No. 17, pp. 7955-7956 (1994)", WO 01/18545, and WO 01/01140 listed in the Search Report were previously cited to or by the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Please charge Deposit Account No. 13-2725 for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June

30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

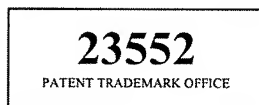
The U.S. Reference 6,875,620 is the English equivalent of the German reference 197 40 263 cited.

Applicants respectfully request that the Examiner consider the Office Actions and Notices of Allowances listed on the Form 1449, even if the Examiner determines that they should not be listed on the face of the patent. Submission of Office Actions and Notices of Allowances was recommended by the Court of Appeals for the Federal Circuit. McKesson Information Solutions, Inc. v. Bridge Medical, Inc. ___ F3d. ___ [2006-1517] (Fed. Cir., May 18, 2007).

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.



Dated: 13 July '07

MTS/ncb

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
(612)332.5300

By: Mark T. Skoog
Mark T. Skoog
Reg. No.: 40,178

Date: July 13, 2007

Sheet 1 of 2

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.0001USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: December 2, 2003	Group Art Unit: 1639

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	6,875,620	04/05/2005	Schembri			10/31/1996	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE 197 40 263	05-07-1998	Germany			See US 6,875,620	
	WO 95/02566	01-26-1995	PCT				
	WO 98/12156	03-26-1998	PCT				
	WO 00/13017	03-09-2000	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Angers et al., Proc. Natl. Acad. Sci. USA (March 28, 2000), Vol. 97(7), pp 3684-3689					
		European Search Report, Application No. 03709250.9 dated May 7, 2007					
		Iorio et al., "Highly Sequence Selective Nonmacrocyclic Two-armed Receptors for Peptides," Bioorganic & Medicinal Chemistry Letters, Oxford, GB, Vol. 9, No. 15, 2 August 1999, pp 2145-2150					
		Iorio et al., "Sequence-Selective Peptide Detection by Small Synthetic Chemosensors Selected from an Encoded Combinatorial Chemosensor Library," Bioorganic & Medicinal Chemistry Letters, Oxford, GB, Vol. 11, No. 13, 9 July 2001, pp 1635-1638					
		Nestler et al., "Combinatorial Libraries: Studies in Molecular Recognition," Combinatorial Chemistry and High Throughput Screening, Hilversum, NL, Vol. 1, No. 3, October 1998, pp 113-126					
		Still, "Discovery of Sequence-selective Peptide Binding by Synthetic Receptors Using Encoded Combinatorial Libraries," Accounts of Chemical Research, ACS, Washington, DC, US, Vol. 29, 1996, pp 155-163					
		USSN 10/244,727 Office Action (1/25/06)					
		USSN 10/244,727 Office Action (2/8/06)					
		USSN 10/244,727 Office Action (2/12/07)					
		USSN 10/244,727 Office Action (5/17/05)					

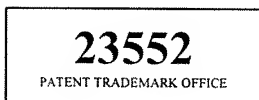
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

Date: July 13, 2007

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 14095.0001USC6	Application Number: 10/727,059
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	USSN 10/244,727 Office Action (5/17/07)
	USSN 10/244,727 Office Action (8/10/05)
	USSN 10/244,727 Office Action (8/11/06)
	USSN 10/244,727 Office Action (12/29/06)
	USSN 10/703,660 Office Action (3/8/07)
	USSN 10/703,660 Office Action (6/22/06)
	USSN 10/703,779 Office Action (3/12/07)
	USSN 10/703,779 Office Action (6/29/06)
	USSN 10/703,876 Office Action (3/2/07)
	USSN 10/703,876 Office Action (6/29/06)
	USSN 10/706,505 Office Action (2/15/07)
	USSN 10/706,505 Office Action (6/29/06)
	USSN 10/706,573 Office Action (1/31/07)
	USSN 10/706,573 Office Action (6/30/06)
	USSN 10/727,059 Office Action (10/5/06)
	USSN 10/813,568 Office Action (2/15/07)
	USSN 10/813,568 Office Action (10/5/06)
	USSN 10/813,612 Office Action (2/15/07)
	USSN 10/813,612 Office Action (10/6/06)



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